

Compact Disc Changer System

Operating Instructions

Mode d'emploi

Owner's Record

The model and serial numbers are located at the rear of the CD changer.
Record the serial number in the space provided below.
Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. EXCD-2RF Serial No. _____

For installation and connections, see the supplied installation/connections manual.

En ce qui concerne l'installation et les connexions, consulter le manuel d'installation/connexions fourni.



EXCD-2RF

Features

The EXCD-2RF is a compact disc changer system comprised of the remote commander, the hideaway (modulator) unit and the CD changer. The hideaway unit modulates the audio signal from the CD changer into the RF (Radio Frequency) signal at 88.3 MHz, 88.7 MHz, 89.7 MHz or 89.9 MHz so that it can be received by the existing FM tuner of your car audio. Therefore you will be able to enjoy CD play with your car audio even if it has no input terminals for a compact disc player.

- Compact and space saving CD changer for vertical, horizontal, suspended or inclined installation in your car.
- Supplied remote commander enables you to control the CD changer installed in the trunk room of your car.
- **Repeat play function** for playing a track or a disc repeatedly.
- **Shuffle play function** for playing tracks of one disc or of all discs in random order.

Precautions

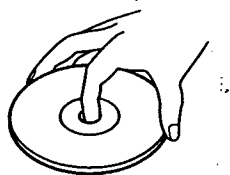
- This system cannot be used with a car audio without the facility to receive FM.
- Before operating the unit for the first time or after replacing the car battery, press the reset button on the hideaway unit with a ball-point pen etc., and then start operating the system.
- If your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the system to cool off before operating it.
- If no power is being supplied to the system, check the connections first. If everything is in order, check the fuse.
- Avoid installing the system in places:
 - subject to temperatures exceeding 55°C (131°F).
 - subject to direct sunlight.
 - near heat sources (such as heaters).
 - exposed to rain or moisture.
 - exposed to excessive dust or dirt.
 - subject to excessive vibration.

CAUTION

The use of optical instruments with this product will increase eye hazard.

Notes on Compact Discs

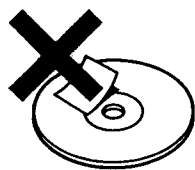
This way



A dirty or defective disc may cause sound dropouts in playing. To enjoy optimum sound, handle the disc as follows.

Handle the disc by its edge, and to keep the disc clean, do not touch the surface.

Not this way



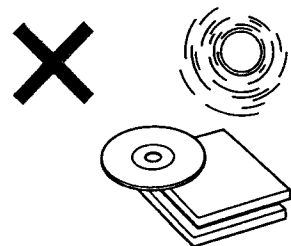
Do not stick paper or tape on the labeled surface.

Moisture condensation

On a rainy day or in a very damp area, moisture may condense on the lenses inside the CD changer. Should this occur, the unit will not operate properly. In this case, **remove the disc and wait for about an hour until the moisture has evaporated.**

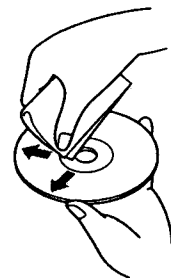
If you have any questions or problems concerning your system that are not covered in this manual, please consult your nearest Sony dealer.

Not this way



Do not expose the discs to direct sunlight or heat sources such as hot air-ducts, or leave them in a car parked in direct sunlight where there can be a considerable rise in the temperature inside the car.

This way



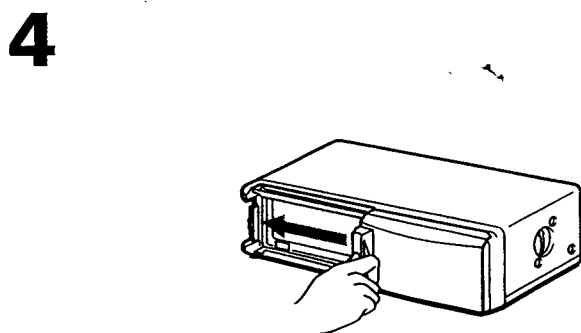
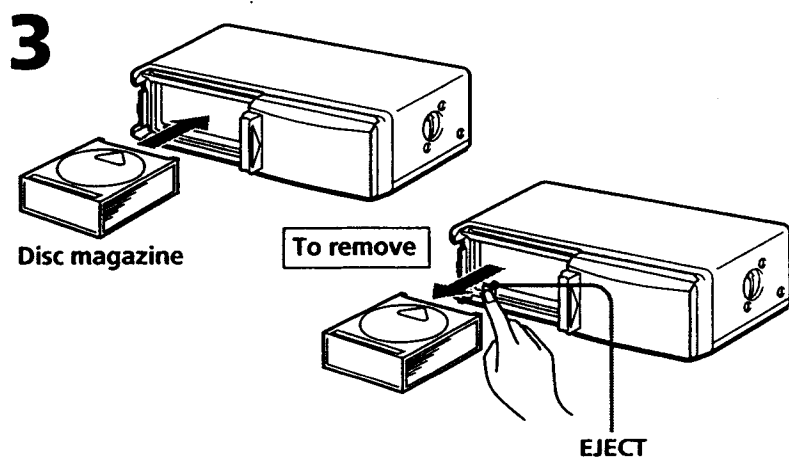
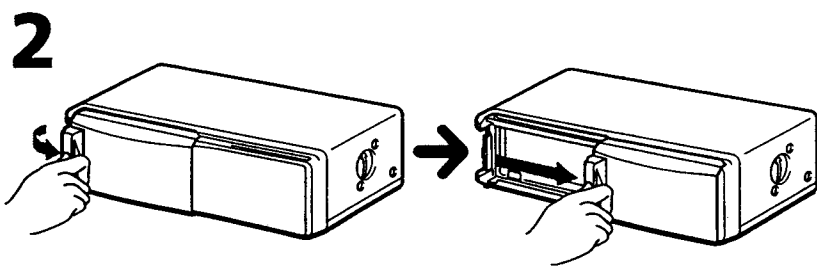
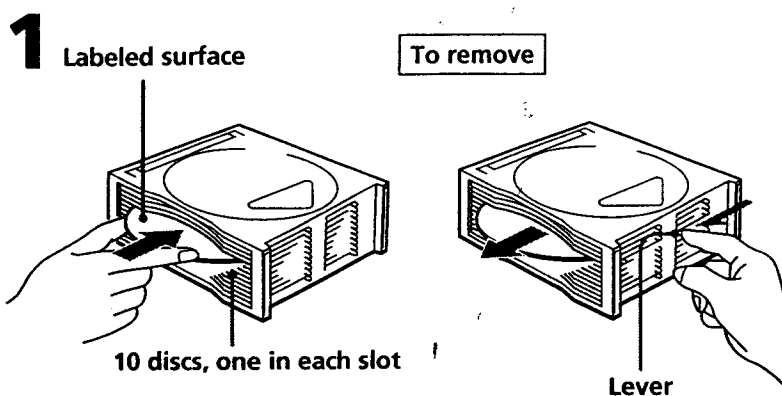
Before playing, clean the discs with an optional cleaning cloth. Wipe each disc from the center of the disc outward.

Do not use solvents such as benzine, thinner, commercially available cleaners or antistatic spray intended for analog discs.

Notes on the Disc Magazine

- Do not leave the disc magazine in locations with high-temperatures and high-humidity, such as on a dashboard or by the rear window where the disc magazine will be subjected to direct sunlight.
- Do not insert more than one disc at a time into a slot, otherwise the CD changer and the discs may be damaged.
- Do not drop the disc magazine or subject it to a violent shock.

Preparations



Note

To listen to an 8 cm (3 in.) CD, use the separately sold Sony CD adapter CSA-8. Be sure to always use the specified adapter, as failing to do so may cause a malfunction of the unit. If you use any other adapter, the unit may not operate properly. When using the Sony CD adapter, make sure that the three catches on the adapter are firmly latched onto the 8 cm CD.

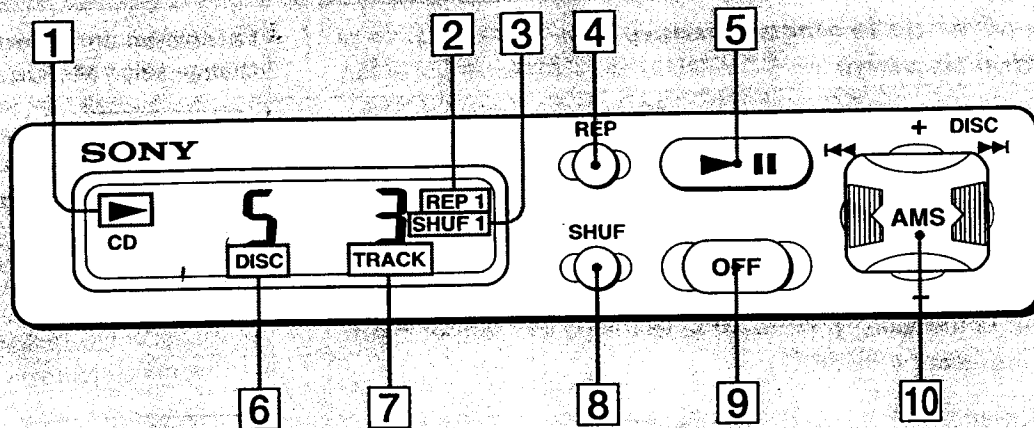
If the disc magazine does not lock properly

Take out the disc magazine, and after pressing the EJECT button, reinsert it.

Use the unit with the door closed
Otherwise, foreign matter may enter the unit, and contaminate the lenses inside the CD changer.

Location and Function of Controls

Remote Commander




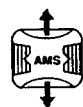
- 1** ► (play/pause) indication
Lights during CD playback and blinks when the pause button is pressed.
- 2** REP (repeat play) indication
- 3** SHUF (shuffle play) indication
- 4** REP (repeat play/control mode set) button
- 5** ►|| (play/pause) button
If pressed during playback, the CD will pause. If pressed again, playback will continue.
- 6** DISC (disc number) indication
The indicated disc number matches the disc number on the disc magazine.
- 7** TRACK (track number) indication
- 8** SHUF (shuffle play) button
- 9** OFF button

When the Unit is Used in a Car with No Accessory Position on the Ignition Key Switch

Be sure to press the OFF button on the remote commander to turn the system off and avoid battery wear when you leave your car and the engine does not run.

10 AMS*/DISC (disc select/manual search) switch

Depending on which side of the switch you press, you can select from following functions.

	<p>AMS function To search the beginning of a track, press ►► to locate the beginning of the next track. ◄◄ to locate the beginning of the track currently played. If you press the switch repeatedly, the beginnings of all following or previous tracks will be located until the end of the disc is reached.</p>
	<p>Disc select function To select a desired disc, press momentarily + to select the next disc. - to select the previous disc.</p> <p>Manual search function To quickly search a desired point of a track, press and hold down + to fast-forward. - to fast-reverse. The elapsed playing time of the track will be shown on the display window during manual search.</p>

* Automatic Music Sensor

Listening to the CD Play

Starting CD Play

1 Turn on the FM tuner of your car audio and select the frequency from 88.3 MHz, 88.7 MHz, 89.7 MHz or 89.9 MHz whichever has been selected by the procedure described in "Changing the Transmitting Frequency". See the operation manual of your car audio about the FM tuning as well.

2 Press the ►II button on the remote commander. The CD play will start.



If the system is in the normal playing mode, after the end of a disc, the disc with the next number shown on the display window of the remote commander will automatically be played.

Adjust the volume with the volume control on the car audio.

Stopping CD Play

Press the OFF button on the remote commander.
To resume CD play, press the ►II button on the remote commander.

Notes

- When CD play is stopped, you may hear some noise from the speakers. To prevent this, turn the volume down before stopping CD play.
- If you turn off the ignition of your car without stopping CD play, it will automatically resume CD play from where it was stopped the next time you turn on the ignition. (This applies only to cars with accessory position on the ignition key switch.)

Listening to the Radio/Tape Playback

Press the OFF button on the remote commander to stop CD play before tuning in a radio station or starting tape playback.

Be sure to stop CD play before you start listening to the radio. Otherwise there may be some interference in the radio reception.

Note

When this system is used with your car audio, the reception of the tuner may become slightly worse than usual.


Playing in Other Modes

Playing a Disc Repeatedly

— Repeat Play Functions

Playing the currently selected track repeatedly


— Track repeat

Press the  button to get the "REP 1" indication during CD play.

When the track is over, CD play will be repeated from the beginning of that track.

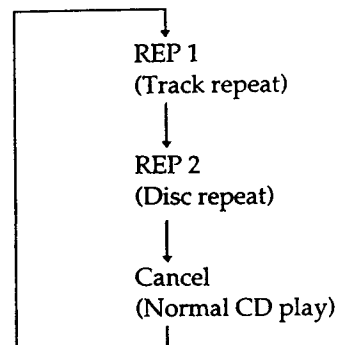
Playing the currently selected disc repeatedly

— Disc repeat

Press the  button to get the "REP 2" indication during CD play.

When the last track of the currently selected disc is over, CD play will be repeated from the beginning of that disc.

The function of the REP button changes cyclically as follows:




Playing the Discs Randomly

— Shuffle Play Functions


Playing the tracks on the currently selected disc randomly

— Disc shuffle play

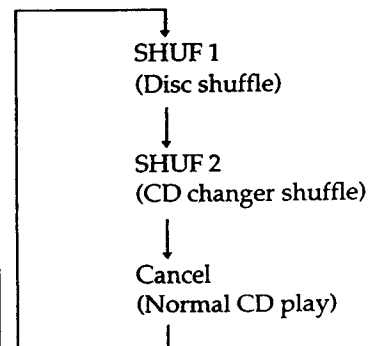
Press the  button to get the "SHUF 1" indication during CD play.

When all the tracks on a disc have been played, the shuffle play will move on to the next disc.

Playing every track on every disc in the currently selected CD changer randomly — CD changer shuffle play

Press the  button to get the "SHUF 2" indication during CD play.

The function of the SHUF button changes cyclically as follows:



Troubleshooting Guide

The following check will assist in the correction of most problems which you may encounter with your unit. Before going through the check list below, refer back to the connection and operating procedures.

Problem	Cause/Solution
The unit does not function.	<ul style="list-style-type: none">• The built-in micro computer has malfunctioned. → Press the reset button on the hideaway unit.• The connecting cords are not connected properly.
The sound skips.	<ul style="list-style-type: none">• The CD changer is installed in an unstable location. → Reinstall it in a stable location.• Dirty or defective disc(s) → Clean or replace it/them.
The disc magazine is not locked in the CD changer.	Take out the disc magazine, press the EJECT button, and reinsert the disc magazine until it is locked securely.

Error displays

The following indications will blink for about five seconds.

Display	Cause	Solution
E-01	The disc magazine is not inserted in the CD changer.	Insert the disc magazine with discs into the CD changer.
E-02	No disc is inserted in the disc magazine.	Take out the disc magazine and insert the discs.
E-04	The disc is dirty.	Clean the disc.
	The disc is inserted upside down.	Insert the disc correctly.
E-99	The CD changer cannot be operated because of some problem.	Press the reset button on the hideaway unit.

If the above-mentioned solutions do not help to improve the situation, consult your nearest Sony dealer.

Specifications

CD changer

System	Compact disc digital audio system
Laser Diode Properties	
Material	GaAlAs
Wavelength	780 nm
Emission Duration	Continuous
Laser out-put Power	Less than 44.6 μ W* * This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.
Frequency response	10 – 20,000 Hz
Wow and flutter	Less than measurable limit
Signal-to-noise ratio	More than 90 dB
Output terminals	BUS control output terminal (8 pin) Analog audio output terminal (RCA pin)
Current drain	800 mA (at playback) 800 mA (at disc loading/ejecting)
Operational temperature	-10°C to +55°C (14°F – 131°F)
Dimensions	Approx. 305 × 90 × 180 mm (12 ¹ / ₈ × 3 ⁵ / ₈ × 7 ¹ / ₈ in.) (w/h/d)
Mass	Approx. 2.2 kg (4 lb. 13 oz.)

Hideaway unit/Remote commander

Frequency	88.3 MHz/88.7 MHz/ 89.7 MHz/89.9 MHz (switchable)
Dimensions	Hideaway unit: Approx. 125.2 × 31.6 × 128.2 mm (5 × 1 ¹ / ₄ × 5 ¹ / ₈ in.) (w/h/d) Remote commander: Approx. 148 × 30 × 15 mm (5 ⁷ / ₈ × 1 ³ / ₁₆ × 1 ⁹ / ₃₂ in.) (w/h/d)
Mass	Hideaway unit: Approx. 450 g (16 oz.) Remote commander: Approx. 120 g (4 oz.)

Supplied accessories

Disc magazine (1)
BUS cable (1)
RCA pin cord (1)
Mounting hardware (1 set)

Optional accessories

CD cleaning kit CDM-21BK
CD single adaptor CSA-8
Disc magazine XA-10B

Design and specifications subject to change without notice.

Caractéristiques

Le système EXCD-2RF comprend une télécommande, un appareil dissimulé (modulateur) et un changeur de CD. L'appareil dissimulé transforme le signal audio du changeur de CD en un signal de fréquence radio (RF) de 88,3 MHz, 88,7 MHz, 89,7 MHz ou 89,9 MHz qui peut être reçu par le tuner FM de votre autoradio. Ainsi, vous pouvez écouter des disques compacts en voiture même si votre autoradio n'est pas équipé de bornes d'entrée pour lecteur de CD.

- Chargeur de CD compact et peu encombrant pouvant être installé verticalement, horizontalement, en suspension ou en oblique dans votre voiture.
- Télécommande fournie qui permet de commander le changeur de CD installé dans le coffre de la voiture.
- **Lecture répétée** pour écouter plusieurs fois une plage ou un disque.
- **Lecture aléatoire** pour écouter les plages d'un disque ou de tous les disques dans un ordre au hasard.

Précautions

- Vous ne pouvez pas utiliser ce système si votre autoradio n'est pas équipé pour la réception FM.
- Avant la mise en service du système ou après avoir remplacé la batterie de voiture, appuyez sur la touche de réinitialisation sur l'appareil dissimulé avec un stylo bille ou un objet pointu, puis allumez le système.
- Si vous avez garé votre voiture en plein soleil et que la température a considérablement augmenté à l'intérieur, laissez le système refroidir avant de l'utiliser.
- Si l'alimentation électrique n'est pas fournie au système, vérifiez d'abord les connexions. Si elles sont bien faites, vérifiez le fusible.
- Evitez d'installer le système dans un endroit:
 - dont la température peut dépasser 55°C (131°F),
 - en plein soleil,
 - près d'une source de chaleur (comme un chauffage),
 - exposé à la pluie ou à l'humidité,
 - poussiéreux ou sale,
 - exposé à des vibrations fortes.